

रक्षा लेखा प्रधान नियंत्रक (सेना) 1 करियप्पा मार्ग,लखनऊ छावनी-226002

Principal Controller of Defence Accounts (Army) 1 Cariappa Road, Lucknow Cantt.— 226002

कार्यालय फोन सं.-0522-2451084/कार्यालय फैक्स सं-0522-2453038 Office Phone No.-0522-2451084/Office Fax No.-0522-2453038

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वस्येव कुट्रस्वकम् ONE EARTH • ONE FAMILT • ONE FUTURE

Dated: 28.11.2023

Circular

No. IT&S/AN/174/Cyber Security/2023-24

Po.

To,

The Officer-in-Charge,
All sections of main Office
All Sub-Offices

Under PCDA (Army), Lucknow

Sub: Cyber Security Advisory.

Ref: HQrs Office Circular No. Mech/IT&S/810/Cyber Security dated

21.11.2023

HQrs Office vide their circular cited under reference, has issued an advisory for the use of NIC DNS and enabling of firewall in Ubuntu Linux. Suitable firewall may be enabled in case other flavours of LINUX is used. A copy of the same is enclosed herewith for your information and compliance. A compliance report in this regard is required to be emailed to pcdaccedp.dad@gov.in by 30/11/2023.

Encl: As above.

Sr. Accounts Officer

Copy to:

The OI/C
OA Cell (Local)

For uploading on website.

Sr. Accounts Officer

" हर काम देश के नाम"

रक्षा लेखा महानियंत्रक



उलान बटाररोड, पालम, दिल्ली छावनी-110010

Controller General of Defence Accounts

Ulan Batar Road, Palam, Delhi Cantt.- 110010 (IT&S Wing)

Phone: 011-25665588

Fax: 011-25675030 email:cgdanewdelhi@nic.in

No. Mech/ IT&S/810/Cyber Security

Circular

Date: 21/11/2023

To

All PCsDA/CsDA (through email)

Sub: Cyber Security Advisory.

Advisories have been circulated from time to time to all the CDA/PCDAs regarding Cyber hygiene and to mitigate issues related to cyber attacks.

- 2. In this regard, it is advised to follow the instructions given in Annexure I & II attached for the use of NIC DNS and enabling of firewall in Ubuntu Linux. Suitable firewalls may be enabled in case other flavours of LINUX is used.
- 3. It is advised to all the proforma controllers to ensure compliance of the guidelines given in Annexures in all the internet connected PCs of all the sections of the main office and in all the sub offices/IFAs under their jurisdiction.

This issues with approval of the Addl. CGDA (IT).

Enclosures: Annexure I & II

(Neeraj Surendran) Sr. ACGDA (IT&S)

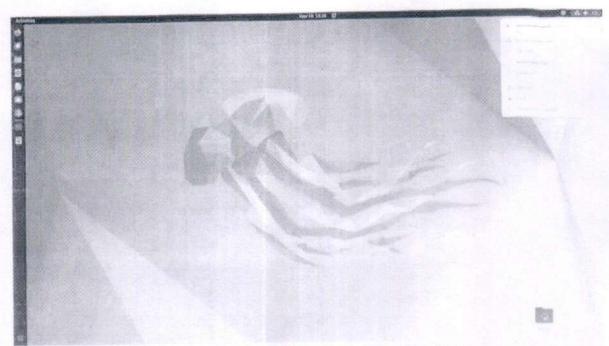
Instructions for use of NIC DNS

Instructions have been prepared by assuming that all the internet connected computers have Linux operating system.

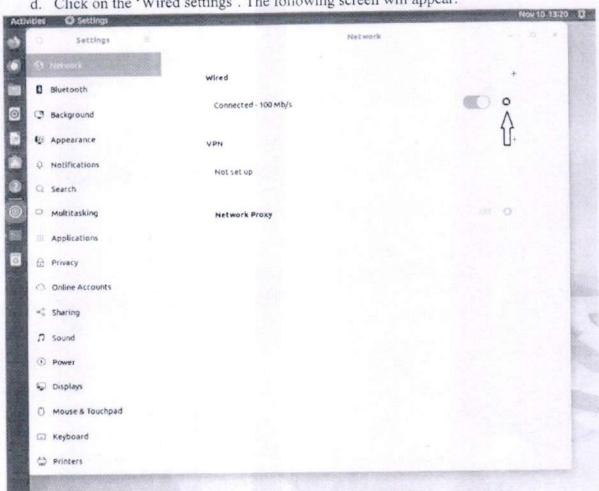
 a. Open the terminal in your Linux system(Ctrl-Alt-T). Type 'nmcli -p device show'. A screen as below will appear



- b. The existing DNS IPs of your computer will be displayed at the location marked in the above screen. Note down the DNS and the gateway from the screen. These may be required in future.
- c. Now, Click on the network icon shown in the top right corner of the desktop. A screen shown below will appear:



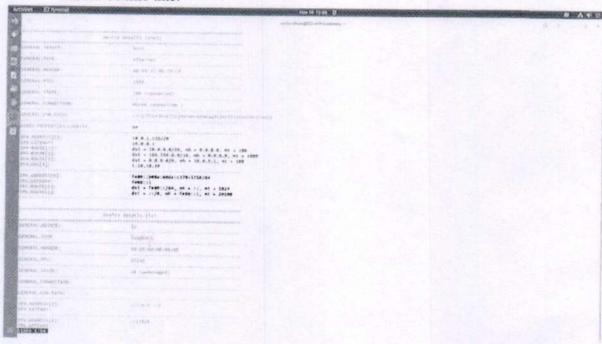
d. Click on the 'Wired settings'. The following screen will appear:



e. Click on the button marked with Arrow. A new screen will appear:



- f. Disable the Automatic button for DNS by single clicking on it. Now enter the IP: 1.10.10.10 in the field as shown and click apply.
- g. Now restart the computer. After restarting, verify that the DNS has changed to 1.10.10.10 by using the command 'nmcli -p device show'. Now the output should be like this:

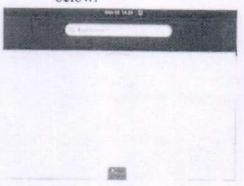


h. Please check that the internet is working.

Instructions for enabling of firewall in Ubuntu Linux

Instructions for the internet connected computers having Ubuntu Linux operating system.

a. Press the window key on the keyboard. Alternatively you can click on activities button on the screen. The search dialog box will open as shown below:



b. Type 'ubuntu' in the search box. Following screen will appear



c. Click on the 'Ubuntu software' menu. A screen shown below will appear:



d. Click on search icon on the top left corner and type 'gufw' in the dialog box that appears. Following screen will appear:



e. Click on the 'Firewall configuration' software and follow the instructions to install the software. After installation is successful, the below screen will appear:



f. Now, search for the same by using the window key button on the keyboard(as mentioned in Sr no. a above). Search for 'gufw' and following screen will appear.



g. Click on firewall configuration. The following screen will appear:



h. Click on the status button. This will start the firewall as shown below:



The enabling of firewall will not disturb the routine internet browsing, however, it will keep a check on the incoming un intended traffic.